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(Not for submission under 37 CFR 1.99)

Application Number	10026992
Filing Date	2001-12-19
First Named Inventor	David Bebbington
Art Unit	1624
Examiner Name	Deepak Rao
Attorney Docket Number	VPI/00-130-4 US

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	4	57101158		1998-01-20	Myers et al.	
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1	20030078166	A1	2003-04-24	Davies et al.	
2	20050004110	A1	2005-01-06	Bebbington et al.	
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4	20030064981	A1	2003-04-03	Knegtel et al.	
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6	20030083327	A1	2003-05-01	Davies et al.	
7	20040097501	A1	2004-05-20	Bebbington et al.	
8	20030078275	A1	2003-04-24	Bebbington et al.	
9	20030055068	A1	2003-03-20	Bebbington et al.	
10	20030036543	A1	2003-02-20	Bebbington et al.	
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12	20030225073	A1	2003-12-04	Bebbington et al.	
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23	20030171389	A1	2003-09-11	Bemis et al.	
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4	10-130150	JP	A	1998-05-19	Dainippon Pharmaceutical Co., Ltd.	<input checked="" type="checkbox"/>
5	2458965	DE	A1	1976-06-16	Bayer AG	<input type="checkbox"/>
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9	0218346	WO	A1	2002-03-07	Pfizer Products Inc.	<input type="checkbox"/>
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2	Anonymous, "Vertex Inhibitors of Aurora-2, glycogen synthase kinase-3 and Src Kinase", Expert Opin. Ther. Patents, 14(3): 439-443 (2004).	<input type="checkbox"/>
3	Baig, G.U. et al., "Triazines and Related Products. Part 28' Conversion of 3-Aryl-1-(2-cyanophenyl) triazines into 3-Aryl-1-nazolo-4(3H)-ones with Formamide" J. Chem. Soc. Perkin Trans. 1, 3765-2766 (1984).	<input type="checkbox"/>
4	Bischoff, J.R., et al., "A homologue of Drosophila aurora kinase is oncogenic and amplified in human colorectal cancers", The EMBO Journal, 17(11): 3052-3065 (1998).	<input type="checkbox"/>
5	Bischoff, J.R., et al., "The Aurora/Iplp kinase family: regulators of chromosome segregation and cytokinesis", CELL BIOLOGY, 9, 454-459 (1999).	<input type="checkbox"/>
6	Brunswick, D.J. et al., "Cyclic Amidines. Part XXIII. Novel Isomerism of Disubstituted Triocycloquinazolines and Molecular Orientations in Carcinogenesis", J. Chem. SOC. (C), 2641-2647 (1970).	<input type="checkbox"/>
7	Wolff, M.E., "Burger's Medicinal Chemistry and Drug Discovery," 5th ed., Vol. 1: Principles and Practice, 975-977 (1995).	<input type="checkbox"/>
8	Cohen, P. et al., "The renaissance of GSK3," Nat. Rev. Mol. Biol., 2, 769-776 (2001).	<input type="checkbox"/>
9	Eldar-Finkelman, H. et al., "Challenges and opportunities with glycogen synthase kinase-3 inhibitors for insulin resistance and Type 2 diabetes treatment," Expert Opinion on Investigational Drugs, 12(9): 1511-1519 (2003).	<input type="checkbox"/>
10	Harrington, E.A. et al., "VX-680, a potent and selective small-molecule inhibitor of the Aurora kinases, suppresses tumor growth in vivo," Nat. Med., 10(3): 262-267 (2004).	<input type="checkbox"/>
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12	Nigg, E.A., "Mitotic Kinases as Regulators of Cell Division and its Checkpoints," Nat. Rev. Mol. Cell Biol., 2: 21-32 (2001).	<input type="checkbox"/>

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13	Traxler, P. et al., "Use of a Pharmacophore Model for the Design of EGF-R Tyrosine Kinase Inhibitors: 4-(Phenylamino)pyrazolo[3,4-d]pyrimidines," J. Med. Chem., 40, 3601-3616 (1997).	<input type="checkbox"/>
14	CAPLUS listing Accession No. 1994:292136, Nakajima, Y. et al., "Pyrazoles agricultural and horticultural bactericides," JP 06065237 (1994).	<input type="checkbox"/>
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16	Chalmers, D.T. et al., "Corticotrophin-releasing factor receptors: from molecular biology to drug design," TIPS, 17, 769-776 (2001).	<input type="checkbox"/>
17	Kim et al., "GSK3, a master switch regulating cell-fate specification and tumorigenesis," Current Opinion in Genetics & Development, 10:508-514 (2000).	<input type="checkbox"/>
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21	Lovestone, S. et al., "Alzheimer's disease-like phosphorylation of the microtubule-associated protein tau by glycogen synthase kinase-3 in transfected mammalian cells", Curr. Biol., 4(12), 1077-86 (1994)	<input type="checkbox"/>
22	Ivashchenko A. V. et al., "Synthesis and Study of Heteroaromatic Ligands Containing a Pyrimidine Ring", Khim. Geterotsikl. Soedin., (12), 1673-7, (1980) (in English).	<input type="checkbox"/>
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24	Biagi, G. et al., "Synthesis of 4,6 Disubstituted and 4,5,6-Trisubstituted 2-Phenyl-pyrimidines and Their Affinity Towards A1 Adenosine Receptors", <i>Farmaco.</i> , 52(1), 61-65 (1997).	<input type="checkbox"/>
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26	Zhang, Z. et al., "Destabilization of $\beta$ catenin by mutations in presenilin-1 potentiates neuronal apoptosis", <i>Nature</i> , 395, 698-702 (1998).	<input type="checkbox"/>
27	Takashima, K. et al., "Tau Protein Kinase I is Essential for Amyloid $\beta$ -Protein-Induced Neurotoxicity", <i>PNAS</i> 90, 7789-7793 (1993).	<input type="checkbox"/>
28	Pel, J. et al., "Distribution, Levels, and Activity of Glycogen Synthase Kinase-3 in the Alzheimer Disease Brain", <i>J. Neuropathol. Exp.</i> , 56, 70-78 (1997).	<input type="checkbox"/>
29	IUPAC Compendium of Chemical Terminology on a definition of "aliphatic compounds" found from <a href="http://www.chemsoc.org/chembytes/goldbook/index.htm">http://www.chemsoc.org/chembytes/goldbook/index.htm</a> (last visited on November 18, 2007).	<input type="checkbox"/>
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31	Nomenclature found from <a href="http://www.cem.msu.edu/~reusch/VirtualText/nomen1.htm">http://www.cem.msu.edu/~reusch/VirtualText/nomen1.htm</a> (last visited on November 18, 2007).	<input type="checkbox"/>
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35	Bjorbaek, C. et al, "Divergent Functional Roles for p90rsk Kinase Domains", J. Biol. Chem., 270(32), 18848-18552 (1995).	<input type="checkbox"/>
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